Directions

Glance 'n Go Sampling for Greenbugs in Winter Wheat

Treatment Threshold = 2 Greenbugs/Tiller



Economic Thresholds for January - May

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- ► To sample the wheat field, use a "zig zag" or "W" pattern and walk at least 15 steps (about 30 ft) between stops.
- ► Carefully pull and examine 3 tillers (stems) per stop, taking one tiller from the left, right, and front.
- At each stop, color in the leaf for each tiller that has one or more greenbugs on it, and keep a running total. If the number of infested tillers is less than or equal to the number in the "Don't Treat" column then stop sampling, and do not treat. If the number of infested tillers is equal to or greater than the number in the "Treat" column then stop sampling, and treat the field. If the number falls within the numbers listed in the "Keep Sampling" column, continue sampling until a decision can be made, or the "Stop Sampling" box has been reached.
- ▶ If the "Stop Sampling" box is reached and a decision is not made:
 - ▶ Do not spray if most of the greenbugs are mummies.
 - ▶ Recheck the field in 2-4 days if no or very few mummies are present.

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Field 1

Date

Spring, Threshold = 2

				Γ Θ,					
Sample ▼		Total tillers with 1 or more		Keep Sampling	Treat				
	Stop 1	Stop 2	Stop 3	Stop 4	Stop 5	greenbugs	▼	▼ °	▼
Tillers 1-15 ▶	٥٥٥	٥٥٥	۵۵۵	۵۵۵	۵۵۵	▶ /15▶	4 or less	5-8	9 or more
Tillers 16-30 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	٥٥٥	▶ /30 ▶	11 or less	12-15	16 or more
Tillers 31-45 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	۵۵۵	▶ /45 ▶	18 or less	19-22	23 or more
Tillers 46-60 ▶	۵۵۵	٥٥٥	۵۵۵	٥٥٥	۵۵۵	▶ /60▶	25 or less	26-29	30 or more
Tillers 61-75 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	٥٥٥	٥٥٥	٥٥٥	▶ /75 ▶	32 or less	33-37	38 or more
Tillers 76-90 ▶	٥٥٥	000	٥٥٥	٥٥٥	٥٥٥	▶ /90▶	39 or less	40-44	45 or more
•		Stop Samplin	g Resamp	le in 2-4 days					

Field 2

Date

Spring, Threshold = 2

Sample V	Stop 1		ery 30 ft. and look at ch tiller that has 1 or Stop 3		Stop 5	Total tillers with 1 or more greenbugs	Don't Treat ▼	Keep Sampling ▼	Treat ▼
Tillers 1-15 ▶	٥٥٥	٥٥٥	٥٥٥	۵۵۵	۵۵۵	► /15►	4 or less	5-8	9 or more
Tillers 16-30 ▶	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	۵۵۵	▶ /30 ▶	11 or less	12-15	16 or more
Tillers 31-45 ▶	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	٥٥٥	▶ /45 ▶	18 or less	19-22	23 or more
Tillers 46-60 ▶	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	٥٥٥	▶ /60 ▶	25 or less	26-29	30 or more
Tillers 61-75 ▶	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /75 ▶	32 or less	33-37	38 or more
Tillers 76-90 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	$\Delta\Delta\Delta$	۵۵۵	۵۵۵	▶ /90 ▶	39 or less	40-44	45 or more

Resample in 2-4 days

OSU Field 3 Spring, Threshold = 2Date Stop every 30 ft. and look at 3 tillers Total tillers with Sample Don't Keep Treat Mark a leaf for each tiller that has 1 or more greenbugs 1 or more Sampling Treat Stop 1 Stop 5 greenbugs Stop 2 Stop 3 Stop 4 9 or /15▶ 4 or less Tillers 1-15 ▶ 5-8 more 16 or /30 ► 11 or less 12-15 Tillers 16-30 ▶ more 23 or /45 ▶ 18 or less Tillers 31-45 ▶ 19-22 more 30 or /60 ▶ 25 or less 26-29 Tillers 46-60 ▶ more 38 or /75 ► 32 or less Tillers 61-75 ▶ 33-37 more 45 or /90 ▶ 39 or less 40-44 Tillers 76-90 ▶ more

Field 4 Date Spring, Threshold = 2

				Γ Θ,					
Sample ▼		Total tillers with 1 or more	Don't Treat	Keep Sampling	Treat				
	Stop 1	Stop 2	Stop 3	Stop 4	Stop 5	greenbugs	▼	▼ °	\blacksquare
Tillers 1-15 ▶	٥٥٥	٥٥٥	۵۵۵	۵۵۵	۵۵۵	▶ /15▶	4 or less	5-8	9 or more
Tillers 16-30 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	٥٥٥	► /30 ►	11 or less	12-15	16 or more
Tillers 31-45 ▶	٥٥٥	٥٥٥	٥٥٥	۵۵۵	۵۵۵	▶ /45 ▶	18 or less	19-22	23 or more
Tillers 46-60 ▶	۵۵۵	٥٥٥	٥٥٥	٥٥٥	٥٥٥	▶ /60▶	25 or less	26-29	30 or more
Tillers 61-75 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	000	٥٥٥	٥٥٥	▶ /75 ▶	32 or less	33-37	38 or more
Tillers 76-90 ▶	٥٥٥	000	٥٥٥	٥٥٥	٥٥٥	▶ /90▶	39 or less	40-44	45 or more
		Stop Samplin	g Resamp	le in 2-4 days					

Field 5 Date Spring, Threshold = 2

Sample ▼		Total tillers with 1 or more	Don't Treat	Keep Sampling	Treat				
	Stop 1	Stop 2	Stop 3	Stop 4	Stop 5	greenbugs	▼	▼ Ŭ	▼
Tillers 1-15 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /15▶	4 or less	5-8	9 or more
Tillers 16-30 ▶	٥٥٥	٥٥٥	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /30▶	11 or less	12-15	16 or more
Tillers 31-45 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /45 ▶	18 or less	19-22	23 or more
Tillers 46-60 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	8	▶ /60▶	25 or less	26-29	30 or more
Tillers 61-75 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /75 ▶	32 or less	33-37	38 or more
Tillers 76-90 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	۵۵۵	▶ /90▶	39 or less	40-44	45 or more
		Stop Samplin	g Resamp	le in 2-4 days		•	•		